

# Recovery Plan Action Status

Plan Name: Cave Crayfish/Cambarus aculabrum (NCN)

Plan Status: Final

Plan Date: 30-Oct-96

Lead Agency: USFWS

Lead Office: Arkansas Ecological Services Field Office

(501)

513-4470 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Cave crayfish (Cambarus aculabrum)	1	1.1	Develop and implement management and protection plan for Bear Hollow Cave	Complete			The Nature Conservancy	Management: General	Species Expert	
Cave crayfish (Cambarus aculabrum)	1	1.1	Develop and implement management & protection plan for Bear Hollow Cave	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, U.S. Fish and Wildlife Service, Division of Realty, The Nature Conservancy, Arkansas Game and Fish Commission , USFWS Regional Office 4, Bella Vista Village (private land owner)	Acquisition: Easement, Acquisition: Fee Title, Management: Habitat Maintenance and Manipulation, Management: Land Use, Management: Planning, Other: Information and Education, Research: Population Surveys	Internal Field Assistance, Internal Technical Assistance, Species Expert	For all tasks with Responsible Parties: TNC - Arkansas Field Office. Cost to be determined- private land protection through Partners for Wildlife or conserve. Agreements
Cave crayfish (Cambarus aculabrum)	2	1.2	Develop and implement management and protection plan for Logan Cave	Ongoing Current			U.S. Fish and Wildlife Service, Ecological Services Division, The Nature Conservancy, Logan Cave National Wildlife Refuge	Management: General	Internal Field Assistance, Species Expert	

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Cave crayfish (Cambarus aculabrum)	2	1.2	Develop and implement management & protection plan for Logan Cave	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, USFWS Regional Office 4, Logan Cave National Wildlife Refuge	Acquisition: Easement, Acquisition: Fee Title, Acquisition: Management Agreement, Management: Habitat Maintenance and Manipulation, Management: Land Use, Management: Planning, Other: Information and Education, Research: Environmental Contaminants, Research: Population Surveys	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	Operational funding needed through Holla Bend Nor
Cave crayfish (Cambarus aculabrum)	1	1.3	Construct and maintain security gates, etc	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, U.S. Fish and Wildlife Service, Law Enforcement Division, The Nature Conservancy, Arkansas Game and Fish Commission , USFWS Regional Office 4, Logan Cave National Wildlife Refuge, Bella Vista Village (private land owner), Private individual, interest group, local grotto	Management: Habitat Maintenance and Manipulation, Management: Land Use, Other: Information and Education	Contract, Internal Technical Assistance, Species Expert	Cost to be determined-may use Sec. 6 or Partners for Wildlife funds
Cave crayfish (Cambarus aculabrum)	2	1.4	Monitor cave trespass	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Law Enforcement Division, University of Arkansas , USFWS Regional Office 4, Logan Cave National Wildlife Refuge, Bella Vista Village (private land owner)	Management: Habitat Maintenance and Manipulation, Management: Land Use, Management: Planning, Other: Information and Education	Internal Field Assistance, Internal Technical Assistance, Volunteer	Use existing program funding

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Cave crayfish (Cambarus aculabrum)	1	1.5	Protect recharge area	Ongoing Current	FY 1995 - FY 1999		USFWS Regional Office 4, Logan Cave National Wildlife Refuge, Bella Vista Village (private land owner), Private individual, interest group, local grotto	Acquisition: Easement, Acquisition: Fee Title, Acquisition: Management Agreement, Management: Habitat Maintenance and Manipulation, Management: Land Use, Management: Planning, Other: Information and Education, Other: Regulations, Research: Environmental Contaminants	Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	Cost to be determined
Cave crayfish (Cambarus aculabrum)	1	2.1-2.4	Public education	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, The Nature Conservancy, Arkansas Game and Fish Commission , Arkansas Natural Heritage Commission , University of Arkansas , USFWS Regional Office 4, Logan Cave National Wildlife Refuge, Bella Vista Village (private land owner), Private individual, interest group, local grotto	Other: Information and Education	Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	

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Cave crayfish (Cambarus aculabrum)	2	3.1	Monitor crayfish populations	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, The Nature Conservancy, Arkansas Game and Fish Commission , Arkansas Natural Heritage Commission , University of Arkansas , USFWS Regional Office 4, Logan Cave National Wildlife Refuge, Bella Vista Village (private land owner), Private individual, interest group, local grotto	Research: Population Surveys	Internal Field Assistance, Internal Technical Assistance, Species Expert	
Cave crayfish (Cambarus aculabrum)	3	3.2	Collect baseline data on habitat & water quality	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, The Nature Conservancy, Arkansas Game and Fish Commission , University of Arkansas , USFWS Regional Office 4, Logan Cave National Wildlife Refuge, Bella Vista Village (private land owner)	Management: Habitat Maintenance and Manipulation, Management: Land Use, Research: Environmental Contaminants, Research: Habitat Requirements, Research: Habitat Status	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	

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Cave crayfish (Cambarus aculabrum)	3	3.3	Monitor habitat & water quality	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, The Nature Conservancy, Arkansas Game and Fish Commission , Arkansas Natural Heritage Commission , University of Arkansas , USFWS Regional Office 4, Logan Cave National Wildlife Refuge, Bella Vista Village (private land owner), Private individual, interest group, local grotto	Management: Habitat Maintenance and Manipulation, Management: Land Use, Research: Environmental Contaminants	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Cave crayfish (Cambarus aculabrum)	3	4.1-4.2	Search for new populations	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, The Nature Conservancy, Arkansas Game and Fish Commission , Arkansas Natural Heritage Commission , University of Arkansas , USFWS Regional Office 4, Logan Cave National Wildlife Refuge, Private individual, interest group, local grotto	Research: Population Surveys	Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	

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Cave crayfish (Cambarus aculabrum)	3	5-6	Study biology and troglaphiles and epigeans	Partially Complete	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Ecological Services Division, The Nature Conservancy, Arkansas Game and Fish Commission , Arkansas Natural Heritage Commission , University of Arkansas , USFWS Regional Office 4, Logan Cave National Wildlife Refuge	Research: Competition, Research: Disease, Research: Environmental Contaminants, Research: Genetics, Research: Propagation	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	